

Answers for Math 017 Final Exam Fall 2010, Form D

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|--|---|
| 1. Undefined                           | 23. $\frac{1-y}{3}$                       |
| 2. 8                                   | 24. No                                    |
| 3. $\frac{5}{21}$                      | 25. $\frac{a+2b}{x-2}$                    |
| 4. $\frac{12}{7}$ or $1\frac{5}{7}$    | 26. $-a^4 - a^2$                          |
| 5. $-\frac{2}{55}$                     | 27. Not possible                          |
| 6. 0.013                               | 28. $-0.3 - a$ or $-a - 0.3$              |
| 7. $-0.024$                            | 29. $x = 0$                               |
| 8. $\frac{8}{27}$                      | 30. No solution                           |
| 9. $-5$                                | 31. $(m-9n)(m+9n)$                        |
| 10. Circle $c$                         | 32. $\frac{s^7}{2}$                       |
| 11. $x \geq -\frac{11}{6}$             | 33. $-9q - 6$                             |
| 12. $\underline{-3 \quad -2 \quad -1}$ | 34. Not possible                          |
| 13. Any 3 numbers $> \frac{1}{2}$      | 35. $-0.1$                                |
| 14. 2                                  | 36. $x = -a$                              |
| 15. $x^{22}$                           | 37. $(m-4)y$                              |
| 16. 0                                  | 38. $a = x^4$                             |
| 17. $m(5n+3)$                          | 39. $-1(-\frac{2}{3}x^2y + \frac{4}{3}x)$ |
| 18. $-20y$                             | 40. $\frac{1}{3}$                         |
| 19. $2x^7$                             | 41. Circle $(ad-b) \div 6$                |
| 20. $2x - x^3$                         | 42. $-a^2$                                |
| 21. $b^4c + b^9c + c^2 + c^2b^5$       | 43. $-x^6 - x^5 + 4x^4 - 2x^3$            |
| 22. $3z^2y^3(z^2y^3 - 3y)$             | 44. $6^m$                                 |
|  | 45. $8 + 27x^3$                           |